

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q79079

Shin-ichi KOJIMA, et al.

Appln. No.: Unassigned,  
Divisional of U.S. Appln. No. 09/889,035

Confirmation No.: Not yet assigned

Group Art Unit: 1646 (Parent)

Filed: January 15, 2004

Examiner: Janet L. ANDRES (Parent)

For: NOVEL INTERFERON-ALPHA

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 09/889,035. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise

Information Disclosure Statement  
Divisional of U.S. Appln. No. 09/889,035

Attorney Docket No.: Q79079

remove any listed document as a competent reference against the claims of the present application.

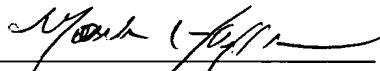
Respectfully submitted,

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WASHINGTON OFFICE

**23373**

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Date: January 15, 2004

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Unassigned, Div. Of Appln. No. 09/889,035
				Confirmation Number	Not yet assigned
				Filing Date	January 15, 2004
				First Named Inventor	Shin-ichi KOJIMA
				Art Unit	1646 (Parent)
				Examiner Name	Janet L. ANDRES (Parent)
Sheet	1	of	1	Attorney Docket Number	Q79079

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,789,551	A	08-04-1998	PETSKA
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		WO	83/02457	A1	07-21-1983	CETUS CORPORATION	N/A

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Goeddel, et al., "The Structure of Eight Distinct Cloned Human Leukocyte Interferon cDNAs", <i>Nature</i> , Vol. 290, March 5, 1981, pp. 20-26.	
		Lund, et al., "Differential Expression of Interferon Genes in a Substrain of Namalwa Cells", <i>Journal of Interferon Research</i> , Vol. 5, No. 2, 1985, pp. 229-238.	
		Bartholomew, et al., "Identification of a Functional Allele of a Human Interferon- $\alpha$ Gene Previously Characterized as a Pseudogene", <i>Journal of Interferon Research</i> , Vol. 9, No. 4, August 1989, pp. 407-414.	
		Shafferman, et al., "Specific Residues within an Amino-Terminal Domain of 35 Residues of Interferon Alpha are Responsible for Recognition of the Human Interferon Alpha Cell Receptor and for Triggering Biological Effects", <i>J. Biol. Chem.</i> , Vol. 262, No. 13, May 5, 1987, pp. 6227-6237.	
		Tymms, et al., "Functional Significance of Amino Acid Residues Within Conserved Hydrophilic Regions in Human Interferons- $\alpha$ ", <i>Antiviral Research</i> , Vol. 12, No. 1, 1989, pp. 37-48.	
		Henco, et al., "Structural Relationship of Human Interferon Alpha Genes and Pseudogenes", <i>J. Mol. Biol.</i> , Vol. 185, 1985, pp. 227-260.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.